# Introduction to TxHSN: HAI Users Guide

**Questions?** 

Call 512.776.7676

Email HAlTexas@dshs.state.tx.us



### **Required Training Slides**

Prior to using TxHSN for the first time, you are required to complete these training slides. This training is estimated to take 30 minutes, depending on your familiarity with the TxHSN reporting system.

If you are unable to complete the training slides, you will be required to start the training over the next time you login to TxHSN.

If you wish to review these slides at a later time, they will be available at <a href="https://www.HAITexas.org">www.HAITexas.org</a>.



#### **Objectives**

Prior to using TxHSN for the first time, you are required to complete these training slides. In this training we will review:

- 1. HAI reporting overview
- 2. Overview of TxHSN Reports
- 3. How to navigate in TxHSN
- 4. How to open your facility record
- 5. How to run/view your facility reports
- 6. How to submit comments on your data reports



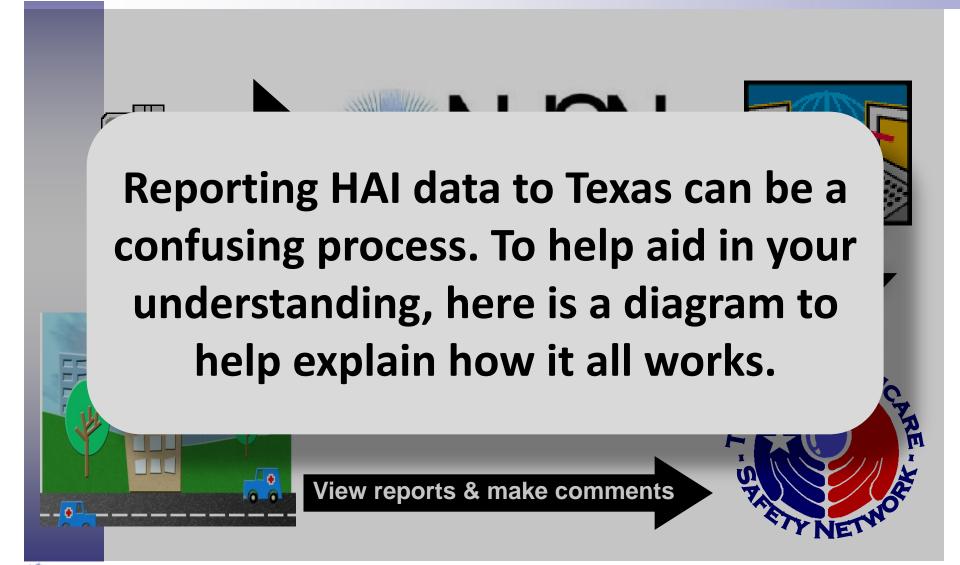


#### Welcome to TxHSN!

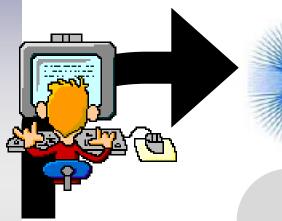
The purpose of Healthcare Safety reporting is to enhance healthcare transparency in Texas and empower patients to make informed decisions about their healthcare.

The **Texas Healthcare Safety Network** or TxHSN was developed to help coordinate & simplify the communication process between Texas and reporting healthcare facilities. It is a webbased system that stores HAI data exported from NHSN. Once in TxHSN, facility-specific reports are generated and can be run by TxHSN users. Health Care Safety reports are then published twice a year, in June and December and can be accessed from: http://txhsn.dshs.texas.gov/hai/.

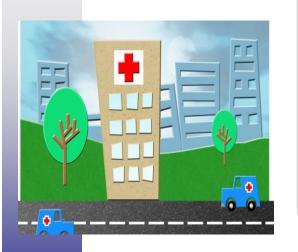












Each healthcare facility enters HAI data into NHSN (the National Healthcare Safety Network).



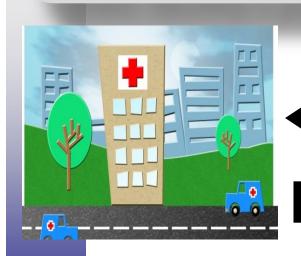


DSHS exports HAI data from NHSN and stores it in TxHSN. This is where your facility-specific reports will be generated.





TxHSN will email TxHSN users to notify them that their reports are ready to view in TxHSN. Users can then login to TxHSN and run reports to review their data. Users may also make comments which will be displayed on their facility's published data reports.



Alerts regarding data & reports

**View reports & make comments** 







Four times a year, in mid June, September, December and March, TxHSN users will receive an email instructing them to login to TxHSN and review their facility's Internal Data Review Report to make sure HAI data look correct and to correct any errors in NHSN if identified.



Then, twice a year (for the half year time periods) in October and April, TxHSN users will receive another email with instructions to login to TxHSN and preview their Health Care Safety Reports. Users will be able to submit a comment for DSHS approval that will be posted on their reports.



After comments are approved, the final Health Care Safety Reports for each half year are posted in June and December for the public to view at

http://txhsn.dshs.texas.gov/hai/



## **Texas' Reporting Time Line**

Reporting Quarter	Q1: Jan 1 – Mar 31	H1: Jan 1 – June 30	Q3: July 1 – Sept 30	H2: July 1 – Dec 31	
Facility data entry deadline (for NHSN)	According to NHSN rules: ~within 30 days of end of reporting month				
DSHS pulls data from NHSN. Then emails TxHSN users to run Internal Data Review Report in TxHSN to check data.	1-Jun	1-Sep	1-Dec	1-Mar	
Facility data corrections due (in NHSN)	30-Jun	30-Sep	31-Dec	31-Mar	
On the half-years, DSHS emails TxHSN users to preview Health Care Safety Reports and if desired, may submit comments for DSHS approval.	NA	15-Oct	NA	15-Apr	
Facility comment submission deadline	NA	30-Oct	NA	30-Apr	
DSHS comment review deadline	NA	15-Nov	NA	15-May	
Health Care Safety Reports with approved comments are posted	NA	1-Dec	NA	1-Jun	







TxHSN - Main



Search

Bianca Someone - HAI -



Recent Records				
Record ID	Name	Record Type		
No Recent Rec	ords			
		More		

After you login to TxHSN and complete these training slides, you will be directed to the TxHSN Main Page.

Here we will discuss the important elements shown on this page.

#### Resources & Support

#### NHSN

- Log into NHSN with SAMS
- · Log into NHSN with Digital Certificate
- NHSN website: www.cdc.gov/NHSN

#### HAI Resources

- Email: HAITexas@dshs.state.tx.us
- Website: www.HAITexas.org
- Phone: 512-776-7676
- Fax: 512-776-7616

#### PAE Resources

- Email: PAETexas@dshs.state.tx.us
- Website: www.PAETexas.org
- Phone: 512-776-7676
- Fax: 512-776-7616





TxHSN - Main



Search

Bianca Someone - HAI -





To the right of the screen, you will see Resources & Support. Here you will find helpful links to important websites and contact information for HAI and PAE resources.

At the bottom of this section is a link to the website where the public reports are published.



#### Resources & Support

- Log into NHSN with SAMS
- · Log into NHSN with Digital Certificate
- NHSN website: www.cdc.gov/NHSN

#### HAI Resources

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TxHSN - Main



Search

Bianca Someone - HAI -





This is where any recent records display. After you open your facility record the first time, a link to your facility record will show up here and you will be able to open your facility record by clicking on the link.

#### Resources & Support

#### NHSN

- Log into NHSN with SAMS
- · Log into NHSN with Digital Certificate
- NHSN website: www.cdc.gov/NHSN

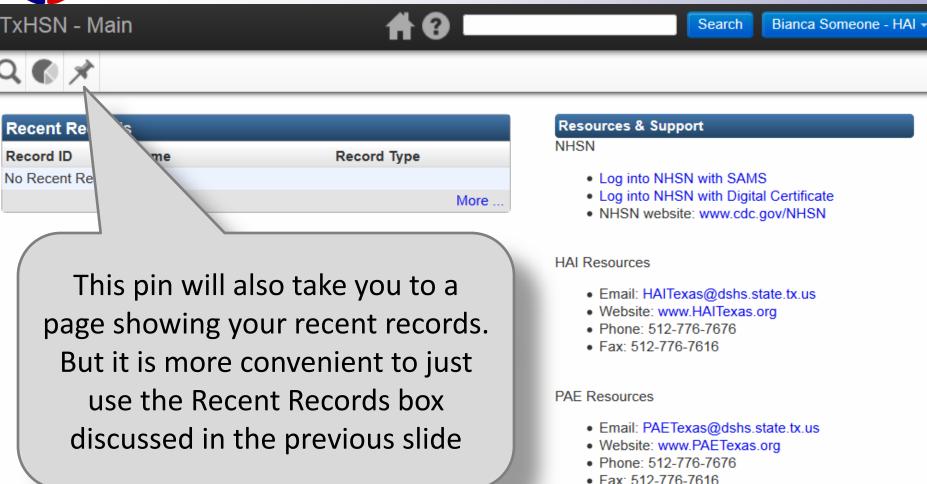
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- Fax: 512-776-7616

#### PAE Resources

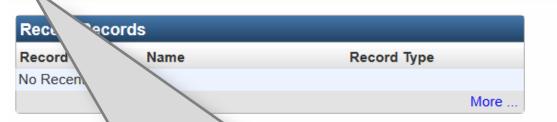
- Email: PAETexas@dshs.state.tx.us
- Website: www.PAETexas.org
- Phone: 512-776-7676
- Fax: 512-776-7616











This magnifying glass is how you Search for records. The first time you login, you will need to search for your Facility record by clicking on this icon.

#### Resources & Support

#### NHSN

- · Log into NHSN with SAMS
- · Log into NHSN with Digital Certificate
- NHSN website: www.cdc.gov/NHSN

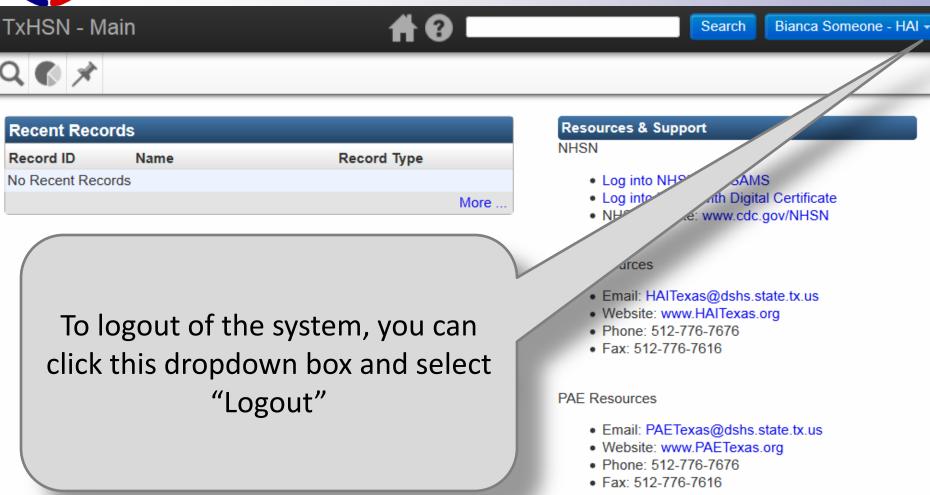
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- Fax: 512-776-7616

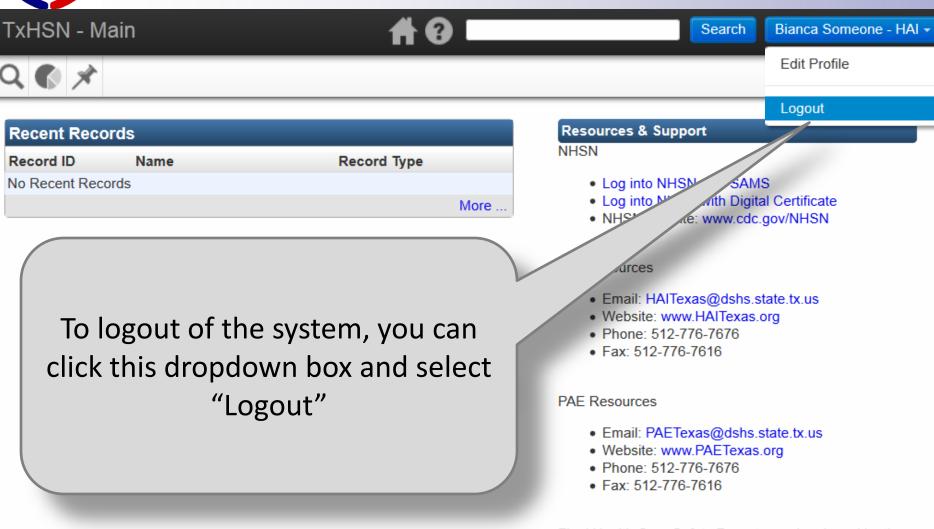
#### PAE Resources

- Email: PAETexas@dshs.state.tx.us
- Website: www.PAETexas.org
- Phone: 512-776-7676
  Fax: 512-776-7616















### **Open Facility Record**

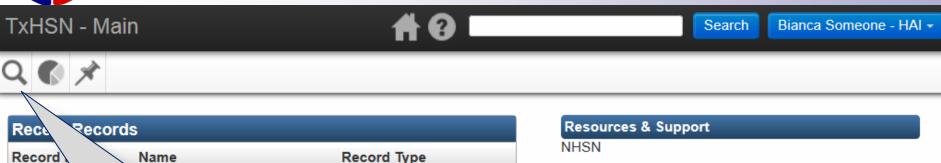
You will need to open your Facility Record in order to access your facility's reports or make comments on your facility's Health Care Safety reports.

The following section will describe how to open your Facility Record in TxHSN.



No Recen

### **Open Facility Record**



More ..

Record Type

The first time you login to TxHSN, you will need to search for your facility record in order to open it. To do this, click on the magnifying glass here.

- Log into NHSN with SAMS
- · Log into NHSN with Digital Certificate
- NHSN website: www.cdc.gov/NHSN

#### HAI Resources

- Email: HAlTexas@dshs.state.tx.us
- Website: www.HAITexas.org
- Phone: 512-776-7676
- Fax: 512-776-7616

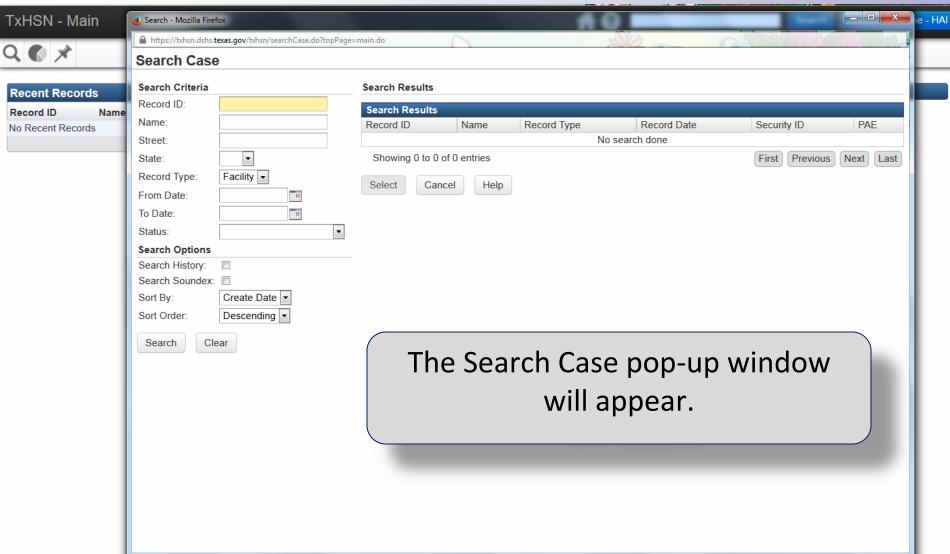
#### PAE Resources

- Email: PAETexas@dshs.state.tx.us
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- Phone: 512-776-7676
- Fax: 512-776-7616

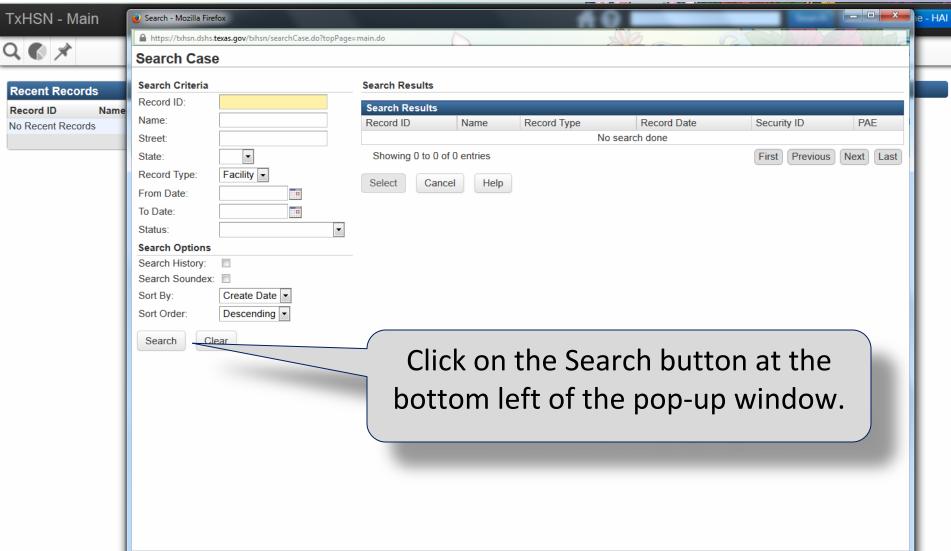
Final Health Care Safety Reports can be viewed by the public at: Health Care Safety Reports Website

Name

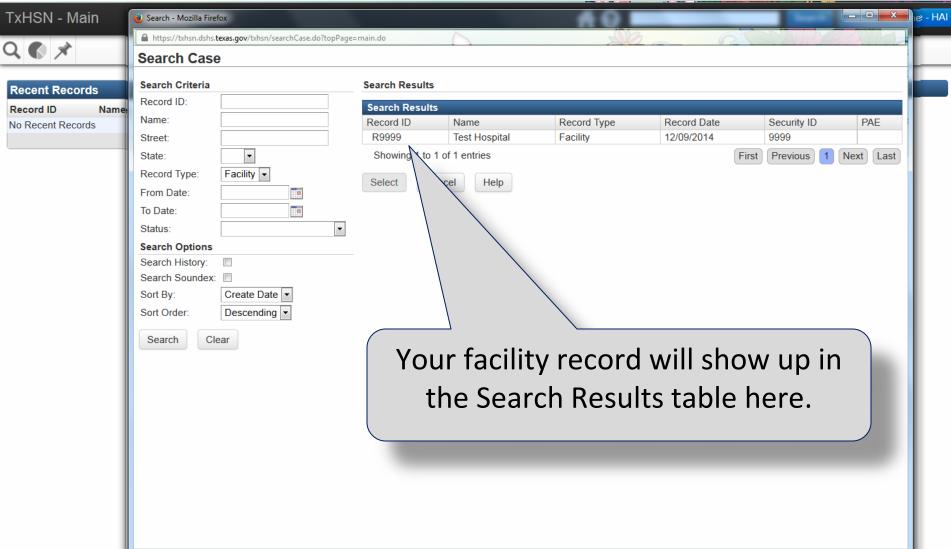




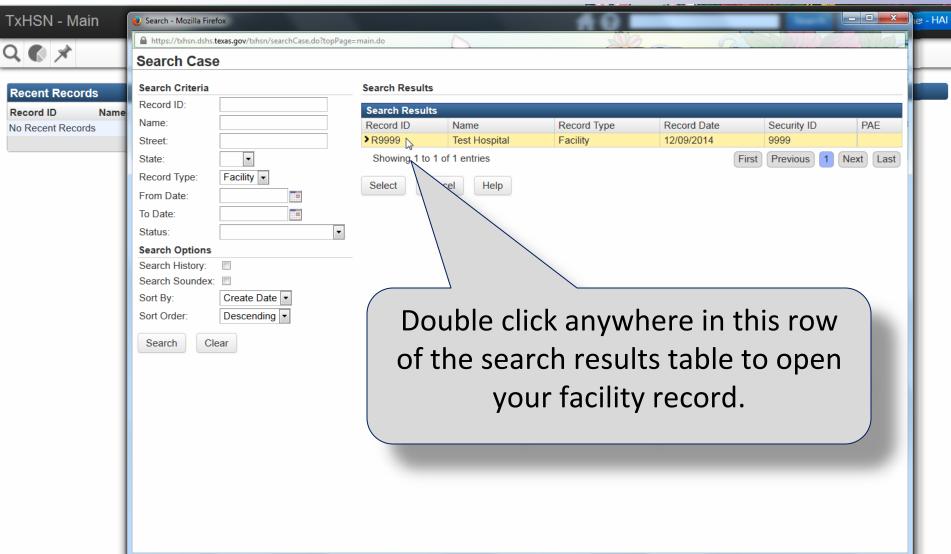


















Edit Record Properties

Record Da

Question Packa
Question Packa
Facility Inform

View/Update T

Here is a screenshot of your facility record. This page is often referred to as your Facility Dashboard or Record Dashboard.

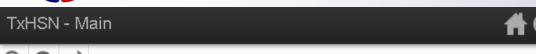
Report No PAE Events (PAE Users Only)	Record	01/08/2015	Jennifer Vinyard [jvinyard]	Completed
Submit comment on PAE data (PAE Users Only)	Record	11/25/2014	System Account [system]	Completed
Submit comment on NHSN/HAI data (HAI Users Only)	Record	01/14/2015	Bianca Someone - HAI [bsome1]	Completed
View status of Webservice data uploads (PAE Users Only)	Record	11/25/2014	System Account [system]	Completed

View Question Package



Internal Data Review Report





Search

System Account [system]

Bianca Someone - HAI 🕶





Record

11/25/2014

Mew Question Package



View status of Webservice data uploads (PAE Users Only)

Completed



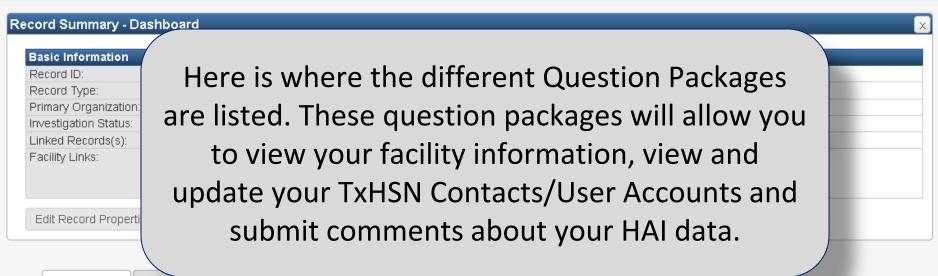
TxHSN - Main

# 8

Search

Bianca Someone - HAI -





Record Data

Organizations

Question Packages				
Question Package	Organization	Last Update	Updated By	Status
➤ Facility Information	Record	01/14/2015	Jennifer Vinyard [jvinyard]	Completed
View/Update TxHSN Contacts	Record	01/14/2015	Bianca Someone - HAI [bsome1]	Completed
Report No PAE Events (PAE Users Only)	Record	01/08/2015	Jennifer Vinyard [jvinyard]	Completed
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View status of Webservice data uploads (PAE Users Only)	Record	11/25/2014	System Account [system]	Completed

Mew Question Package



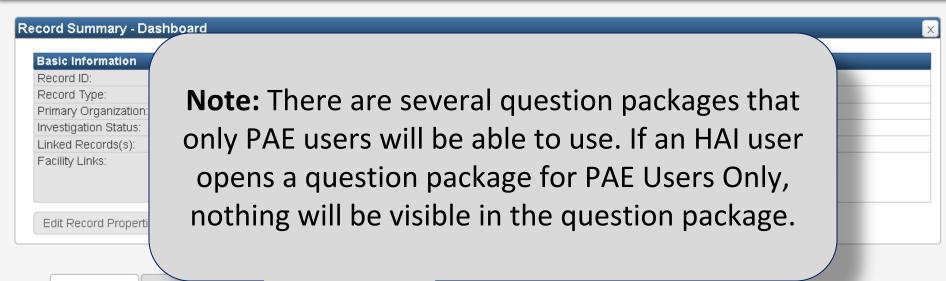


TxHSN - Main

Search

Bianca Someone - HAI -





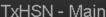
Organizations **Question Packages** Question Package Organization Updated By Status Last Update Jennifer Vinyard [jvinyard] ▶ Facility Information Record 01/14/2015 Completed Bianca Someone - HAI [bsome1] View/Update TxHSN Contacts Record 01/14/2015 Completed Report No PAE Events (PAE Users Only) 01/08/2015 Jennifer Vinyard [jvinyard] Record Completed Submit comment on PAE data (PAE Users Only) 11/25/2014 Record. System Account [system] Completed Bianca Someone - HAI [bsome1] Submit comment on NHSN/HAI data (HAI Users Only) Record 01/14/2015 Completed View status of Webservice data uploads (PAE Users Only) System Account [system] Record 11/25/2014 Completed

Mew Question Package

Record Data









Search

Bianca Someone - HAI -



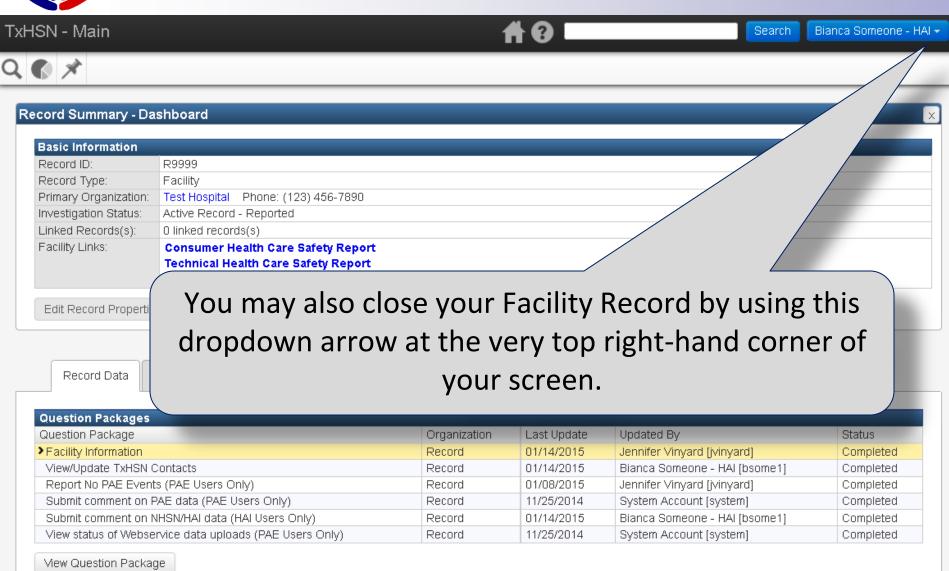


**Question Packages** Question Package Organization Last Update Updated By Status Jennifer Vinyard [jvinyard] Facility Information Record 01/14/2015 Completed Bianca Someone - HAI [bsome1] View/Update TxHSN Contacts Record 01/14/2015 Completed Report No PAE Events (PAE Users Only) 01/08/2015 Record Jennifer Vinyard [jvinyard] Completed Submit comment on PAE data (PAE Users Only) 11/25/2014 Record System Account [system] Completed Bianca Someone - HAI [bsome1] Submit comment on NHSN/HAI data (HAI Users Only) Record 01/14/2015 Completed View status of Webservice data uploads (PAE Users Only) 11/25/2014 System Account [system] Completed Record

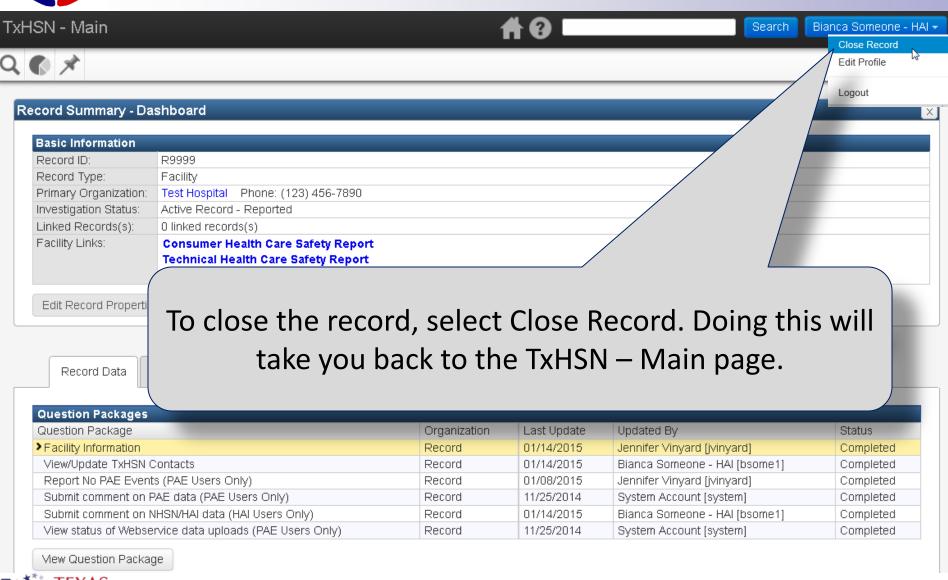
Mew Question Package



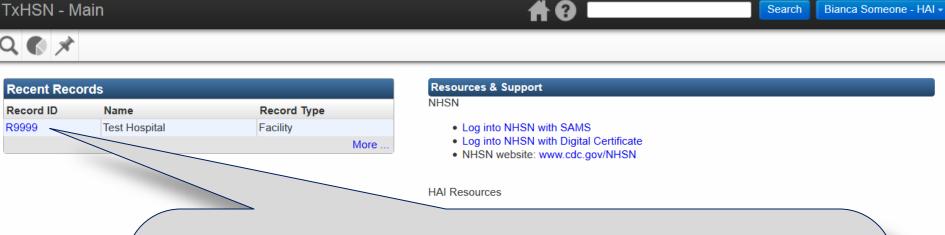












After you have opened your Facility Record, it will show up in the Recent Records table on the TxHSN – Main page as it is shown here.

Once this happens, you can click directly on the link to navigate to your Facility Record instead of performing a search every time you want to access your record.





#### Reports

Now that you know how to open your facility record, you will be able to run and view your facility-specific reports.

Before learning how to run your reports, we will briefly review the three reports you will have access to.



#### **TxHSN Reports**

There are 3 data reports that can be run in TxHSN.

- 1. Internal Data Review Report (not published)
- 2. Consumer Health Care Safety Report
- 3. Technical Health Care Safety Report



#### **Internal Data Review Report**

- Lists the number of records that were exported from NHSN into TxHSN.
- Lists possible data errors:
  - Incomplete Record: Means that required data was missing from the record, the record is an outlier (extremely long/short duration), etc.
  - Infection occurred > 60 days from admission:
     This is just a data check to make sure there was not a date typo.



#### **Health Care Safety Reports**

- <u>Consumer Version:</u> This report contains basic information for a layperson. This includes the
  - number of infections that actually occurred at your facility
  - number of infections that were predicted based on the risk factors of your patients
  - an explanation of how your facility compares to the nation
  - number of HAIs that contributed to a patient's death



#### **Health Care Safety Reports**

- <u>Technical Version:</u> This report contains more detailed statistical information targeted to healthcare providers and public health professionals. It includes the same information displayed in the Consumer version plus:
  - Denominator data
  - Standardized Infection Ratio
  - 95% Confidence Interval



#### **Data Website:**

#### http://txhsn.dshs.texas.gov/hai/





Once the Health Care Safety
Reports are finalized and comments
have been approved, they will be
posted to

http://txhsn.dshs.texas.gov/hai/ where the public can search for facility reports.

#### Texas Health Care-Associated Infections (HAI) Reports by Healthcare Facility

People can get infections from hospitals, surgery centers or other places that offer health care. This is a big public health problem. A recent survey showed that 722,000 infections (HAIs) occurred in 2011 in the United States. This means that about 4% of hospital patients ended up with at least one infection. All hospitals, clinics and other health care facilities know that stopping HAIs is vital. These HAIs are still a major cause of disease, loss of life and high medical costs. So, laws were put in place to report these infections to the public. There are ways to help manage and prevent them. DSHS created a system to track HAIs. General hospitals and surgery centers are required to report the following HAIs:

- Central line associated bloodstream infections (CLABSIs): These are infections in the blood that
  happen when a central line (tube that carries medicine and other treatments into a patient's body)
  is used in a patient.
- Catheter associated urinary tract infections (CAUTIs): These are infections in a patient's urinary tract (often referred to as a urinary tract infection or UTI) after a tube is placed in a patient that allows urine to pass out of the patient.
- Surgical Site Infections (SSIs): These infections happen in a patient's body after the patient has surgery.

To see hospital and surgery center reports, please search below. (Note: Each health care facility reports their own cases and the information is not confirmed by DSHS.)

, Yppe	Search for Facility Report  Hospital Ambulatory Surgical Center Both
Facility Name	HelpFacility Name
	Name contains this text
City Name	HelpCity Name
	Oity contains this text     Oity begins with this text
County	HelpCounty Name
	County contains this text
	County begins with this text
	HelpMultiple Criteria: Facility, City, County or Combination

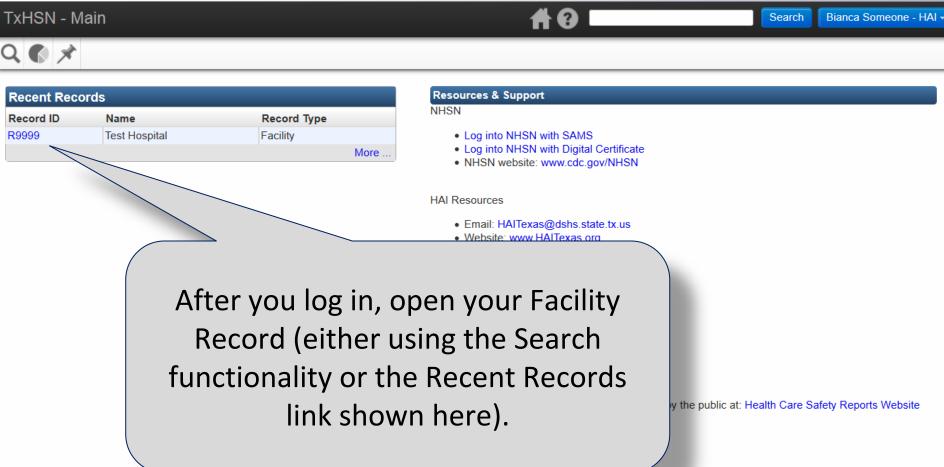




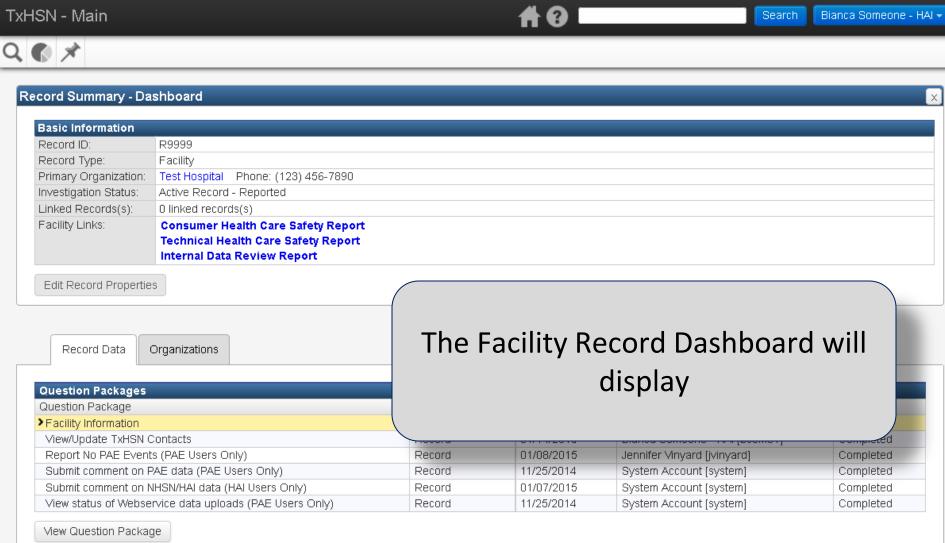
You will receive email notifications letting you know when reports are ready to be run/previewed in TxHSN.

Internal Data Review Reports can be run quarterly, and Health Care Safety Reports can be run for each <u>half year</u> according to the Texas Reporting Time Line (shown previously).

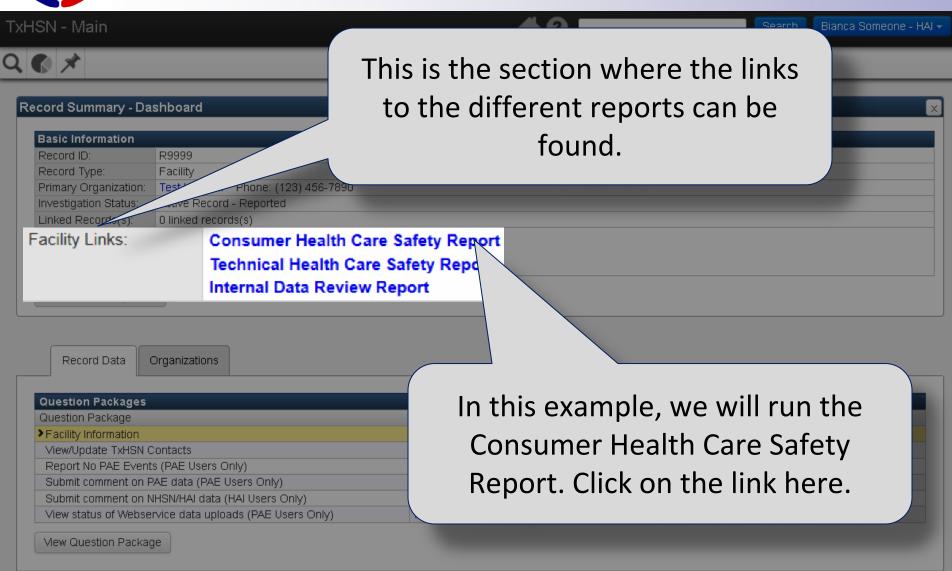




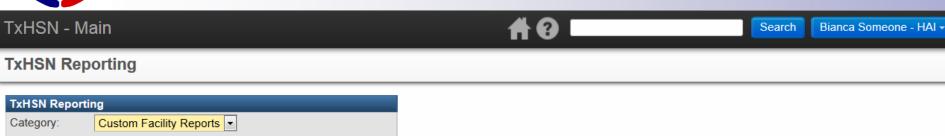














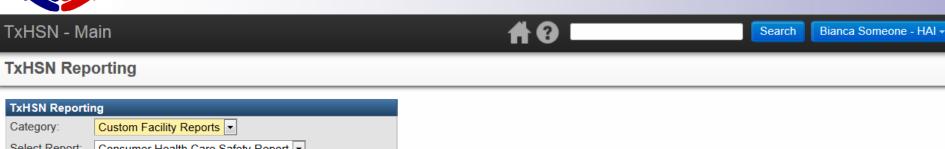
To view the report you can click
Run Report. This will open an HTML
version of the report in your
internet browser window.

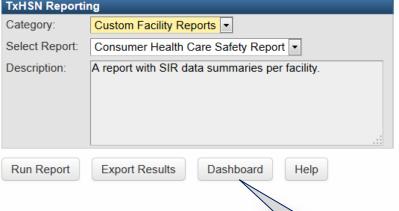




You can also Export Results. This will allow you to open and/or save the report in Excel format.







Once you have viewed your report, you can return to your Facility
Dashboard by clicking on the "Dashboard" button shown here.



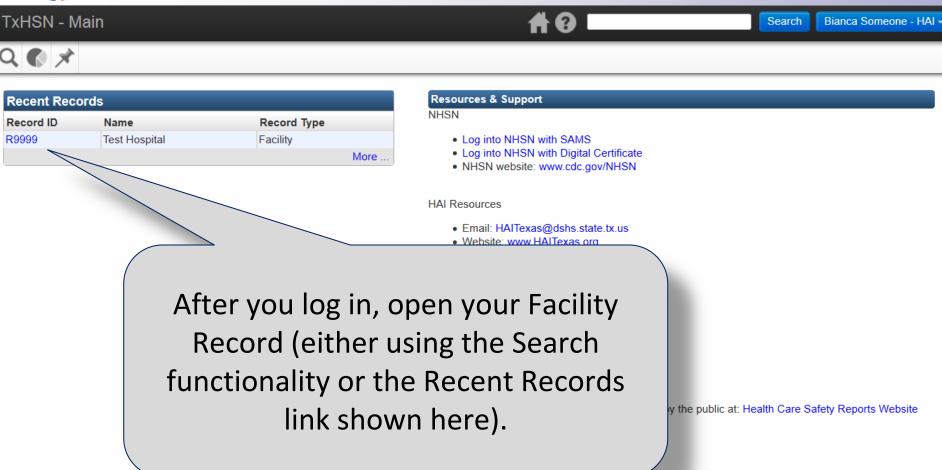


Facilities are allowed to submit a comment (up to 1250 characters long) that will be posted on their Health Care Safety reports. This comment will be visible to the public and therefore, should be written so that a layperson may understand it.

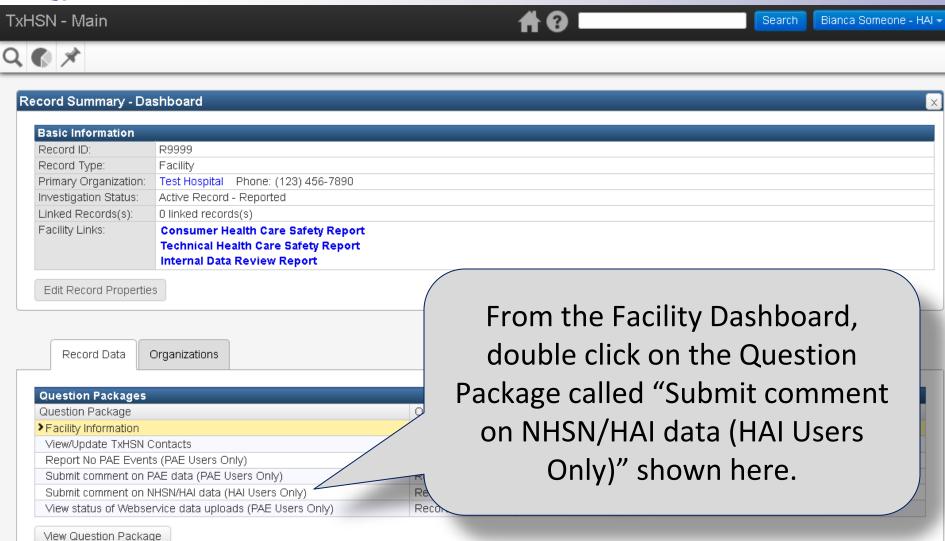
The following slides describe how to submit a comment on your data reports.



#### **Submit Comments**

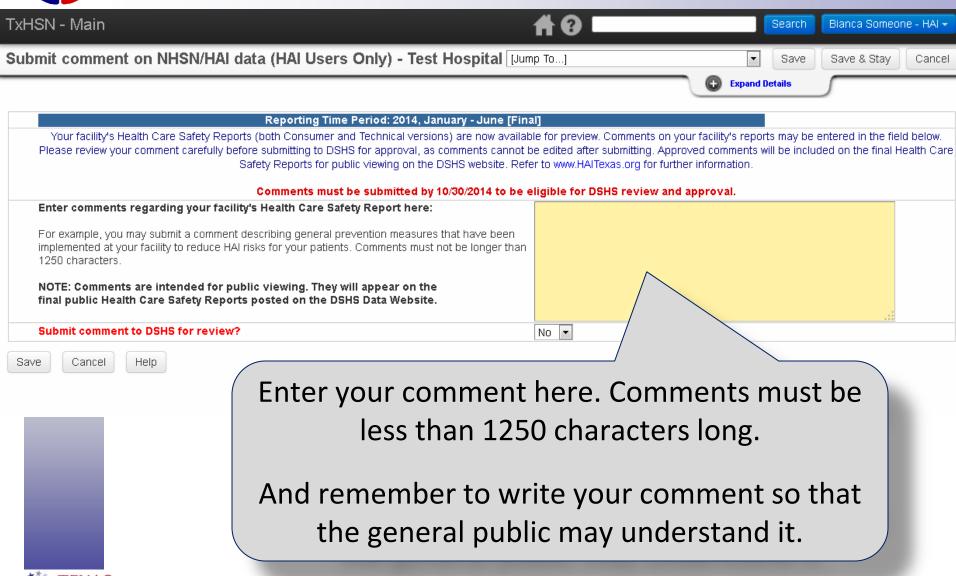








Department of State Health Services

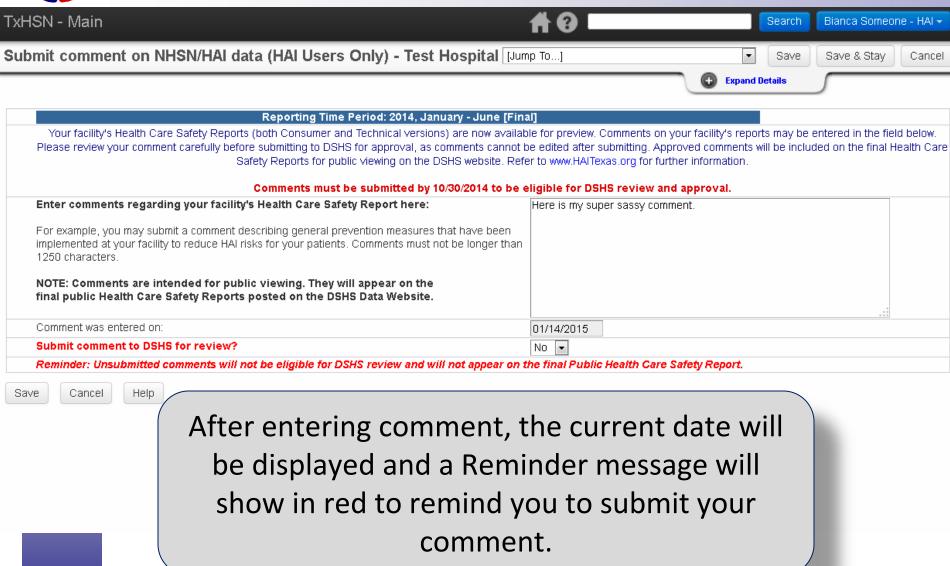




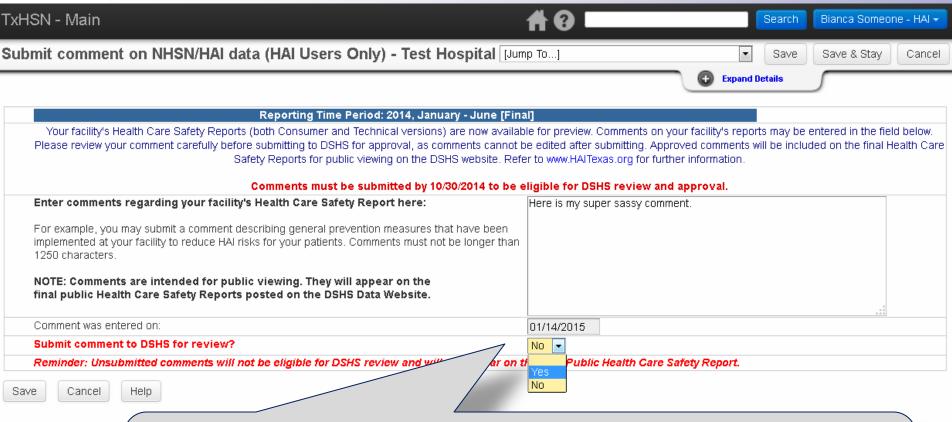
- Examples of Comments:
  - May contain information about Infection Prevention measures taken at your facility to prevent future HAIs/PAEs.
  - Corrections to data that could not be made prior to the data correction deadline.
- Comments will not be approved if they:
  - Contain inappropriate language
  - Refer to another healthcare facility
  - Refer to data from a different reporting time period (other than the current)
  - Are submitted after the comment deadline



Department of State Health Services

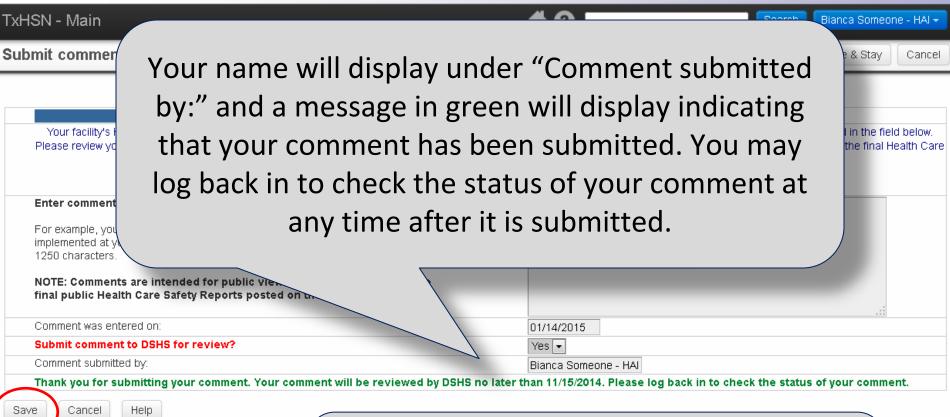






When you are ready to submit your comment for approval, Go to "Submit comment to DSHS for review?" and select Yes in the dropdown box shown here.





Be sure to click **SAVE**.

If you do not, your comment will not be saved nor will it be submitted for review.

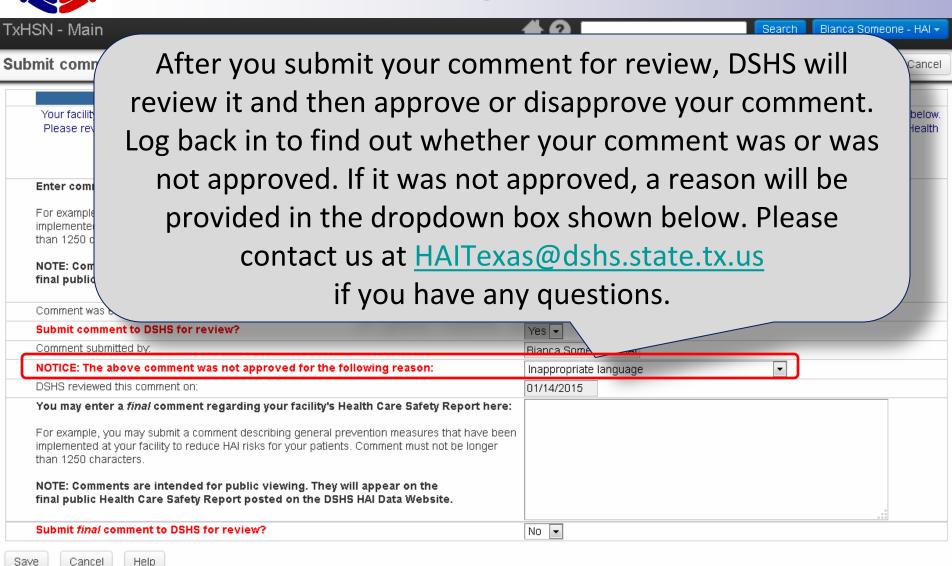




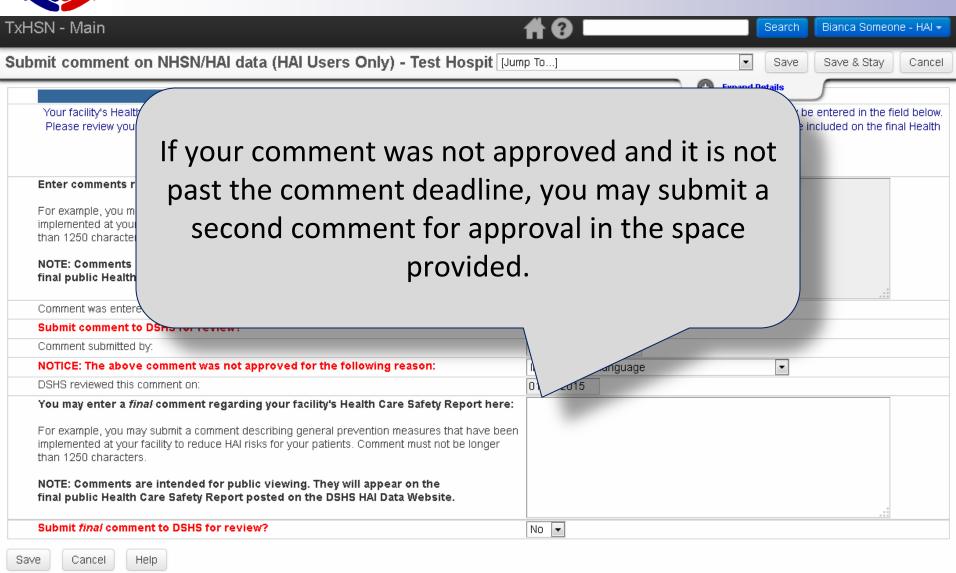
Once you have submitted your comment for review, DSHS will review your comment. Log back in after a day or two to see if your comment has been approved or not. If approved, it will be displayed on both versions of your public Health Care Safety Reports.

If not approved, and the comment deadline has not passed, you may submit a final comment for review.

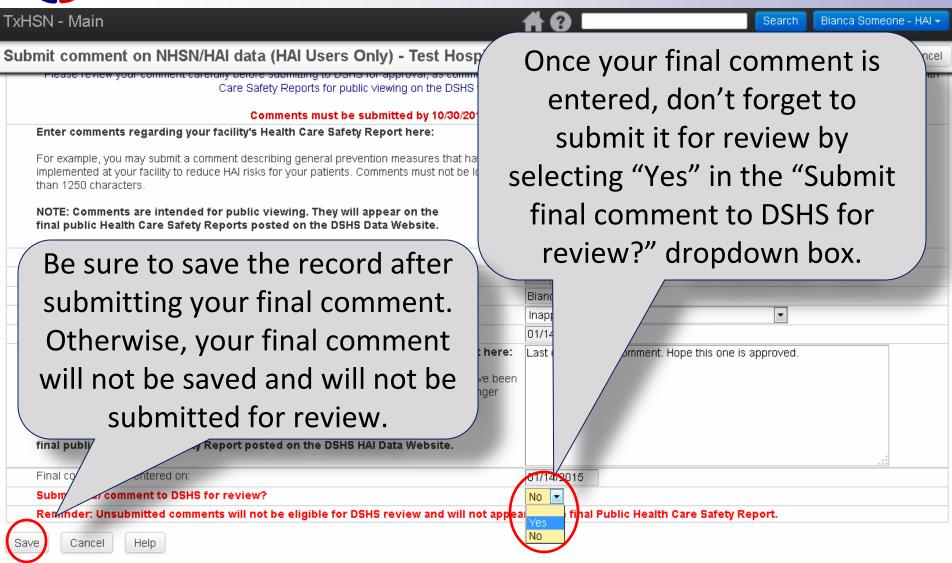




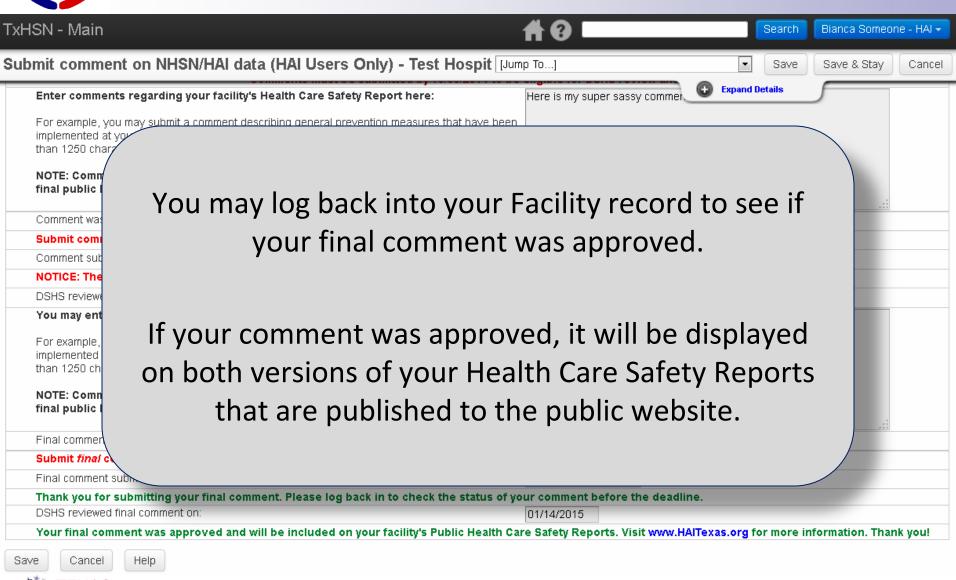








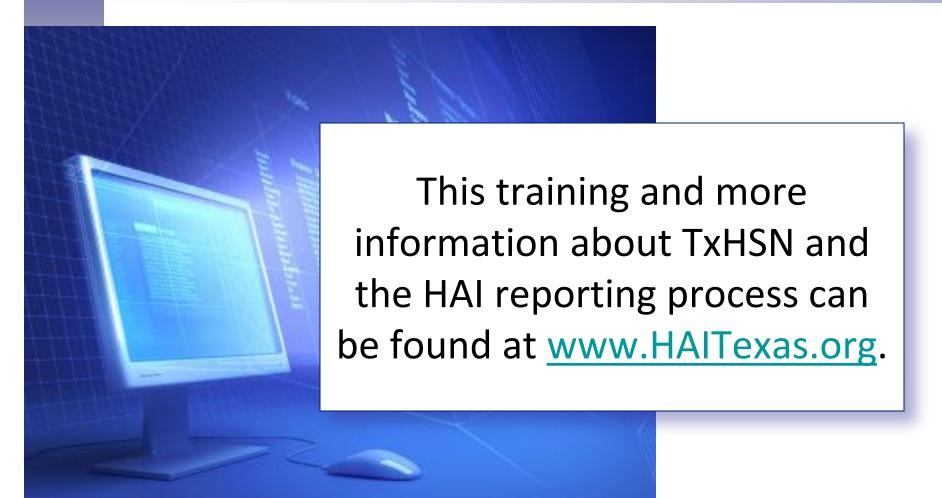








#### **Additional Resources**





# Additional reporting resources can be found at: www.HAITexas.org



Be sure to sign up for email updates! Whenever something new is added to the website, you will get a notification email!

- HAI reporting updates
- Reporting Resources/Tools
- Annual State Reports & Antibiograms
- Link to facilityspecific data reports



# Additional reporting resources can be found at: www.HAITexas.org





Topics: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

Inicio en español | Text Size: 🏝

IDCU Home
Infectious Diseases A
D-G
H-L
M-Q
R-S
T-Z
IDCU Health Topics
Disease Reporting
Related Rules & Regulations

From this website, you can link to the Data webpage where the Health Care Safety Reports can be viewed by the public.

Immunization Branch

About IDCU

Related DSHS Sites

Staff Contact List

Contact Us

Infectious Disease

Control Unit

Home FAQs Data Reporting Resources Advisory Panel Annual Report

New! Texas Annual Report 2013 now available.

People can get infections from hospitals, surgery centers or other places that offer health care. This is a big public health problem. A recent survey showed that 722,000 infections (HAIs) occurred in 2011 in the United States. This means that about 4% of hospital patients ended up with at least one infection.





#### You have completed TxHSN training!



For questions about HAI reporting, please email <a href="mailto:HAITexas@dshs.state.tx.us">HAITexas@dshs.state.tx.us</a> or you can call 512.776.7676.

